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The sewerage system of Panama now in process of construction.

The following is received from Consul-General Gudger, under date of January 30:

In my report dated the 25th instant I gave a brief history of the waterworks for the city of Panama.

It was shown that the large lake at Rio Grande, 10 miles distant, fed by a beautiful stream of water, which has been analyzed and pronounced absolutely pure and which will furnish an adequate supply for all the demands of the present and the probable future, had been selected. That the same is conveyed to Panama in aqueducts paralleling the Panama Railroad, on a gravity line, to the large reservoir at Ancon, just outside the city limits, and from there distributed through the various streets of the city.

In connection with the waterworks there must of necessity be a sewer system. This, like the water supply, is provided for in the treaty between the Republic of Panama and the United States of America. It is also set forth in the treaty that the United States Government shall construct this waterworks system and sewer and maintain it for a period of fifty years, in the manner and on the terms therein set forth.

The work is progressing satisfactorily, and it is confidently hoped by those in charge that it will be completed in the course of four months.

The material is on the ground and conditions for the next few months, being the dry season, are very favorable to a rapid execution of the work.

The system will consist of vitrified terra-cotta pipes. The mains will be, in dimension, 20 inches, and smaller sizes for the pipes in the the streets of less importance, ranging from 15 to 8 inches. The sewer will be extended to the low-tide mark in the bay.

Panama is so situated that the engineers will experience very little difficulty in the construction of the sewer, as the grade is all that they could desire.

There is much speculation as to the health conditions in the city during the construction, when the streets are being excavated; but the best experts seem to hold the opinion that, by the use of disinfectants, no bad results will be experienced. However, many have grave apprehensions on the subject.

PHILIPPINE ISLANDS.

Report from Manila—Quarantine transactions, month of November, 1904.

Chief Quarantine Officer Heiser reports, December 22, as follows:

Quarantine transactions of the Service in the Philippine Islands during the month of November, 1904.

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